



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Osann Jr., et al. Confirmation No.: 3460  
Application No. : 09/827,015  
Filed : April 5, 2003  
Title : Depopulated Programmable Logic Array  
Grp./Div. : 2816  
Examiner : L. Nguyen  
Docket No. : 6485.00092 (LISP 1047US0)  
Customer No. : 29747

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on November 19, 2003.

Linda K. Dary

**Supplemental Information Disclosure Statement Under 37 C.F.R. §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56.

***Enclosed with this statement are the following:***

- Form PTO/SB/08A. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of U.S. applications, 37 C.F.R. §1.98(a)(2)(iii), and copies are not submitted of documents already cited or submitted in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d). If any of the cited/submitted documents is in a foreign language, a concise explanation of relevancy is provided pursuant to 37 C.F.R. §1.98(a)(3). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. 57 F.R. 2021 (1/17/92). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement. 37 C.F.R. §1.98(c).
- Citation of Pending Patent Application Not for Printing on Face of Patent.

**This statement should be considered because:**

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within 3 months of the application filing date;  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;  
-- OR --
- (3) It is being filed before the mailing date of the first Office action on the merits,  
whichever occurs last.

Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action and before a Notice of Allowance (whichever occurs first)

-- AND (*check at least one of the following*) --

- (1) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p)  
-- OR --
- (2) It is accompanied by a CERTIFICATION as set forth in 37 C.F.R. §1.97(e)

Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is accompanied by a CERTIFICATION as set forth in 37 C.F.R. §1.97(e);  
-- AND --
- (2) It is accompanied by a PETITION TO ACCEPT INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(d);  
-- AND --
- (3) It is accompanied by the \$130 fee set forth in 37 C.F.R. §1.17(i)(1);  
-- AND --
- (4) The Issue Fee has not yet been paid.

**Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 502466. A duplicate copy of this authorization is enclosed.

QUIRK & TRATOS  
Suite 500 North  
3773 Howard Hughes Pkwy.  
Las Vegas, NV 89109

Telephone: 702-792-3773  
Fax: 702-791-9002

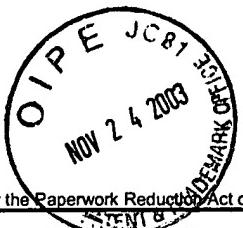
Respectfully submitted,

By:

Sarah Barone Schwartz  
Registration No. 40,284

Date: November 19, 2003

G:\SSchwartz\Lightspeed\Patents\6485.00092\idstrans.wpd



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 2

**Complete if Known**

Application Number	09/827,015
Filing Date	April 5, 2003
First Named Inventor	Osann Jr.
Art Unit	2816
Examiner Name	L. Nguyen

Attorney Docket Number 6485.00092

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,216,258 B1	04/10/01	Mohan et al..	
		US- 6,260,182 B1	07/10/01	Mohan et al.	
		US- 6,301,696 B1	10/09/01	Lien et al.	
		US- 5,943,488	08/24/98	Raza	
		US- 5,425,036	06/13/95	Liu et al.	
		US- 5,426,738	06/20/95	Hsieh et al.	
		US- 5,426,769	06/20/95	Pawloski, Martin B.	
		US- 6,071,314	06/06/00	Baxter et al.	
		US- 6,075,935	06/13/00	Ussery et al.	
		US- 6,167,559	12/16/00	Furtek et al.	
		US- 6,178,541	01/23/01	Joly et al.	
		US- 6,263,484	07/17/01	Yang, Yang-Sei	
US-					

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0905906 A2	03/31/99			
		WO 98/38741	09/03/98			
		WO 90/13982	11/15/90			
		WO 99/56394	11/04/99			

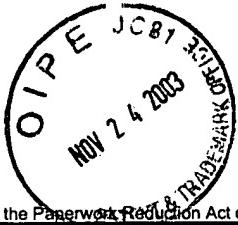
Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	09/827,015		
Filing Date	April 5, 2003		
First Named Inventor	Osann Jr.		
Art Unit	2816		
Examiner Name	L. Nguyen		
Sheet	2	of	2
	Attorney Docket Number 6485.00092		

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SMITH, MICHAEL JOHN SEBASTIAN, APPLICATION-SPECIFIC INTEGRATED CIRCUITS, Addison-Wesley, pg. 16	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450 on November 19, 2003.

  
Linda K. Dary

Applicant : Osann Jr., et al. Confirmation No.: 3460  
Application No. : 09/827,015  
Filed : April 5, 2003  
Title : Depopulated Programmable Logic Array  
Grp./Div. : 2816  
Examiner : L. Nguyen  
Docket No. : 6485.00092 (LISP 1047US0)

### CITATION OF PENDING PATENT APPLICATION NOT FOR PRINTING ON FACE OF PATENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Quirk & Tratos  
3773 Howard Hughes Pkwy.  
Suite 500 North  
Las Vegas Nevada 89109

Dear Sir:

Applicant hereby brings the following pending patent application to the attention of the Examiner in the above-identified patent application:

Examiner's Initials	US Patent Application No.	Filing Date	First Named Inventor
	09/877,170	06/08/01	Osann, Jr.

Applicant wishes the Examiner to consider this application, but does not wish it to be identified on the face of any patent which issues on the above-identified present patent application. MPEP § 609D, second paragraph.

Furthermore, in accordance with MPEP § 609C(2), second paragraph, the Examiner is requested to initial the statement above and return a copy of this paper to the undersigned with the next Office Action.

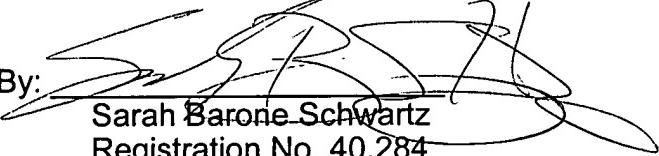


The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 502466 for any fees in connection with submission of an Information Disclosure Statement which may be required. **A duplicate copy of this paper is enclosed.**

QUIRK & TRATOS  
Suite 500 North  
3773 Howard Hughes Pkwy.  
Las Vegas, NV 89109  
  
Telephone: 702-792-3773  
Fax: 702-791-9002

Respectfully submitted,

By:

  
Sarah Barone Schwartz  
Registration No. 40,284

Date: November 19, 2003

G:\SSchwartz\Lightspeed\Patents\6485.00092\idscitation.wpd